

DISTRIBUTION CABLE MEDIA CONVERTERS & ETHERNET SWITCHES

FOM TX TO FX MEDIA CONVERTERS

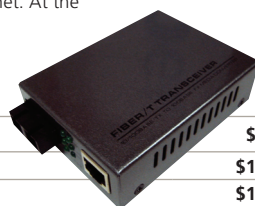
10/100BASE-TX TO 100BASE-FX MEDIA CONVERTER

The FOM-1100 series are our most popular media converters. Featuring one fiber port with SC, ST or FC connector and one twisted pair port with a RJ-45 Connector. Usable as a stand-alone unit or as a slide-in module to the 19" converter rack (14 bays) for use in a central wiring cabinet. At the speed and price our 1100 units can't be beat.

Standards:	IEEE802.3u 100Base-TX/FX
UTP Cable:	Cat. 5 cable and up to 100m
Fiber Cable:	50/125, 62.5/125 or 100/140mm MM 8.3/125, 8.7/125, 9/125 or 10/125 μ m SM
Data Transfer:	100Mbps auto-duplex-negotiation 100Mbps for half-duplex mode 200Mbps for full-duplex mode
Ambient Temp:	0~50°C
Humidity:	5-90%
Dimension:	140mm x 110mm x 30mm (Inner power supply) 94mm x 70mm x 26mm (External power supply)
Certification:	ROHS, CE Mark

ORDERING INFORMATION

MC-1102M	Multimode RJ45/SC, 1310nm, 3 db, 2KM	\$89.00
MC-1125S	Singlemode RJ45/SC, 1310nm, 0.5 db, 25KM	\$118.00
MC-1140S	Singlemode RJ45/SC, 1310nm, 0.5 db, 40KM	\$129.00
MC-1160S	Singlemode RJ45/SC, 1310nm, 0.5 db, 60KM	\$148.00
MC-11100S	Singlemode RJ45/SC, 1550nm, 0.25 db, 100KM	\$525.00
MC-1220W1	WDM, TX1550/RX1310, 0.5 db, 20KM	Call for price
MC-1220W2	WDM, TX1310/RX1550, 0.5 db, 20KM	Call for price



1000BASE-TX TO 1000BASE-FX MEDIA CONVERTER

Standards:	IEEE802.3z AB 1000Base-T, 1000Base-SX/LX
UTP Cable:	Cat. 5 cable and up to 100m
Fiber Cable:	1000 SX: 50/125, 62.5/125 or 100/140 μ m MM 1000 LX: 8.3/125, 8.7/125, 9/125 or 10/125 μ m SM 1000 Full-duplex at Auto or Force-mode
Data Transfer:	2000Mbps for Full-duplex at 1000Mbps Speed
Ambient Temp:	0~50°C
Humidity:	5-90%
Dimension:	26.2mm x 81mm x 105mm
Certification:	ROHS, CE Mark

FOM-2100 Series Gigabit Media Converter supports two types of media for network connection such as 1000Base-TX and 1000Base-SX/LX fiber.

ORDERING INFORMATION

MC-2100M	Multimode RJ45/SC, 850nm, 3 db, .5KM	\$359.00
MC-2120S	Singlemode RJ45/SC, 1310nm, 0.5 db, 20KM	\$407.00
MC-2160S	Singlemode RJ45/SC, 1550nm (DFB), 0.25 db, 60KM	\$500.00
MC-2180S	Singlemode RJ45/SC, 1550nm (DFB), 0.25 db, 80KM	\$728.00
MC-3120W1	WDM, TX1550/RX1310nm, 0.5 db, 20KM	Call for price
MC-3120W2	WDM, TX1310/RX1550nm, 0.5 db, 20KM	Call for price



10/100/1000BASE-TX TO 1000BASE-FX MEDIA CONVERTER

Standards:	IEEE802.3 10Base-T, IEEE802.3u 100Base-TX, IEEE802.3z/ab 1000Base-T, IEEE802.3x full-duplex flow control, 1000Base-SX/LX
UTP Cable:	Cat. 5 cable and up to 100m
Fiber Cable:	1000 SX: 50/125, 62.5/125 or 100/140 μ m MM 1000 LX: 8.3/125, 8.7/125, 9/125 or 10/125 μ m SM
Data Transfer:	2000Mbps for Full-duplex at 1000Mbps Speed
Ambient Temp:	0~50°C
Humidity:	5-90%
Dimension:	26.2mm x 81mm x 105mm
Certification:	ROHS, CE Mark

With link fault pass through (LFP) in TX/FX converter application, link status on one port is propagated to the other port to notice the remote nodes. In addition, both converters will be with forced mode on the TP port and with SC fiber port.

ORDERING INFORMATION

MC-2200M	Multimode RJ45/SC, 850nm, 3 db, .5KM	\$345.00
MC-2220S	Singlemode RJ45/SC, 1310nm, 0.5 db, 20KM	\$450.00
MC-2260S	Singlemode RJ45/SC, 1550nm (DFB), 0.25 db, 60KM	\$535.00
MC-2280S	Singlemode RJ45/SC, 1550nm (DFB), 0.25 db, 80KM	\$760.00
MC-3220W1	WDM, TX1550/RX1310nm, 0.5 db, 20KM	Call for price
MC-3220W2	WDM, TX1310/RX1550nm, 0.5 db, 20KM	Call for price



10/100MBPS MANAGED MEDIA CONVERTERS

Standards:	IEEE802.3 10Base-T, IEEE802.3u 100Base-TX, IEEE802.3z/ab 1000Base-T, IEEE802.3x full-duplex flow control, 1000Base-SX/LX
UTP Cable:	Cat. 5 cable and up to 100m
Fiber Cable:	1000 SX: 50/125, 62.5/125 or 100/140 μ m MM 1000 LX: 8.3/125, 8.7/125, 9/125 or 10/125 μ m SM
Data Transfer:	2000Mbps for Full-duplex at 1000Mbps Speed
Ambient Temp:	0~50°C
Humidity:	5-90%
Dimension:	26.2mm x 81mm x 105mm
Certification:	ROHS, CE Mark

This Converter is a 10/100Base-TX auto negotiation and auto MDI/MDIX cable selection Fast Ethernet Media Converter with intelligent network management that translates transmission signals from a twisted-pair 10Base-T or 100Base-TX cable to 100Base-FX fiber optic cable. It enables network managers and network operators to quickly isolate problems without visiting multiple wiring closets, avoiding expensive downtime. With its SNMP manager, the user can monitor and configure the Copper Port and Optical Port of center chassis and remote standalone easily.

ORDERING INFORMATION

MC-M1100M	Multimode SC/PC, 1310nm, .5KM, 220VAC power supply	Call for price
MC-M1125S	Singlemode SC/PC, 1310nm, 25KM, 220VAC power supply	Call for price
MC-M1225SW	Singlemode & WDM SC/PC, TX-1310nm, 25KM	Call for price
MC-1240SW	Singlemode & WDM SC/PC, TX-1310nm, 40KM	Call for price



FOM ETHERNET SWITCHES

Features

- 2 or 4 port 10/100M RJ-45
- 1 port 100Base-Fx (singlemode/multimode/wdm) optical port
- Store and forward mode
- 10/100M auto-negotiation, maximum speed to 20/200M (full-duplex)
- Supports IEEE 802.3z full-duplex flow control & back pressure half-duplex flow control
- Supports MAC self-learning
- Automatic MDI/MDI-X configuration
- LED status of FX TX1, TX2, TX3, TX4 link and power on diagnosis function

ORDERING INFORMATION

ES-1100M2	2 port 10/100Mbps, 1XSC Multimode Fiber Switch	\$159.00
ES-1125S2	2 port 10/100Mbps, 1X SC Singlemode 25KM Fiber Switch	\$229.00
ES-1125W2	2 port 10/100Mbps, 1X BIDI SC WDM 25KM Fiber Switch	Call for price
ES-6000M4	4 port 10/100Mbps, 1X SC Multimode Fiber Switch	\$329.00
ES-6025S4	4 port 10/100Mbps, 1X SC Singlemode 25KM Fiber Switch	\$606.00
ES-6025W4	4 port 10/100Mbps, 1X BIDI SC WDM 25KM Fiber Switch	Call for price

FOM SINGLEMODE AND MULTIMODE MEDIA CONVERTERS

The 100M Single and Multi-Mode Converter conducts the transparent conversion between the media of single and multi-mode optical fiber. It may switch over among 850nm, 1310nm multi-mode fiber (2km) and 1310, 1550nm single mode fiber (120km) and support 100m quick Ethernet. It is widely used in the interlinking and data communication fields of LAN and WAN and the single unit may be used for the single and multi-mode conversion.

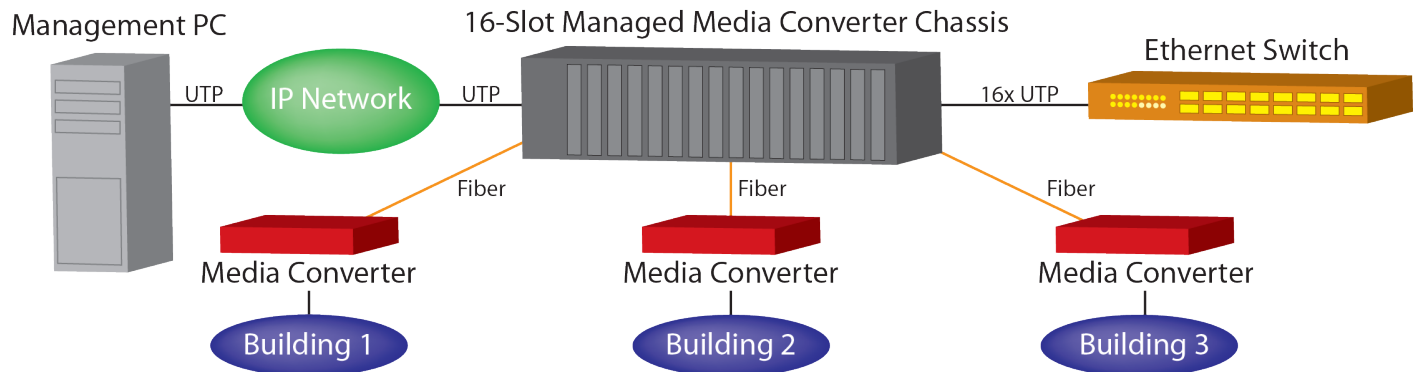
Standards:	Conforms to the IEEE802.3u 100BASE-TX/FX
Fiber Cable:	FX connectors are all SC
Data Transfer:	2000Mbps for Full-duplex at 1000Mbps Speed
Ambient Temp:	0-65°C
Humidity:	5-90%
Dimension:	94mm x 70mm x 26mm

ORDERING INFORMATION

MC-1020MS	Multimode to Singlemode, 1310/1550, SC, 2KM/120KM	\$277.50
MC-1020SS	Singlemode to Singlemode, 1310/1550, SC, 0-120KM	Call for price
MC-1020MW	Multimode to WDM-mode, 1310/WDM, SC, 2KM/0-80KM	Call for price
MC-2020MS	Multimode to Singlemode, 850/1310, SC, 500m/0-80KM	Call for price
MC-2020SS	Singlemode to Singlemode, 1310/1550, SC, 0-120KM	Call for price
MC-2020MW	Multimode to WDM-mode, 850/WDM, SC, 500m/0-80KM	Call for price



Typical Application



FOM RACK MOUNT MEDIA CONVERTER CHASSIS

MANAGED 16-SLOT CHASSIS

LAN Port	For in-bound management
Console Port	For out-bound management
Slot Capacity	16 Slots for modular Media converter (Per slot DC Power Output: 1A @ + 5VDC)
Ambient Temperature	0~50C
Humidity	5~90%
Dimension	88(H) x 442(W) x 350(D) mm (mountable for 19-inch rack)

This 19-inch multi-media converter chassis is designed to accommodate 16 slide-in modules of various type of media converter at a central location for multiple segments cross connection. Users can transparently link backbone equipments such as switches, routers to LAN workgroup segments. Because each channel operates independently, new modules may be added as required. This flexibility allows the unit to grow with the network.



ORDERING INFORMATION

MCC-M16AC	Managed 16-Slot Chassis for Modular Media converter, 100~240VAC Power Input, AC-DC Redundant Dual power	\$510.00
MCC-M16DC	Managed 16-Slot Chassis for Modular Media converter, -48VDC, Telecom DC-DC Redundant Dual power	\$390.00

UNMANAGED 14/16-SLOT CHASSIS

Standards	IEEE802.3u 10/100Base-FX
Slot Capacity	14 or 16 Slots for Modular Media converter (Per slot DC Power Output: 1A @ + 5VDC)
Ambient Temperature	0~50C
Humidity	5~90%
Dimension	90(H) x 424(W) X 230(D) mm (mountable for 19-inch rack)

This multi-media converter chassis is designed to accommodate 14 or 16 slide-in modules of various type of media converter at a central location for multiple segment cross connection. Users can transparently link backbone equipments such as switches, routers to LAN workgroup segments. Because each channel operates independently, new modules may be added as required. This flexibility allows the unit to grow with the network.

ORDERING INFORMATION

MCC-16AC	Unmanaged 16-Slot Chassis for Modular Media converter, 100~240VAC Power Input, AC-DC Redundant Dual power	\$490.00
MCC-14AC	Unmanaged 14-Slot Chassis for Modular Media converter, 100~240VAC Power Input, AC-DC Redundant Dual power	\$370.00
MCC-16DC	Unmanaged 16-Slot Chassis for Modular Media converter, 4-8VDC Power Input, Telecom DC-DC Redundant Dual power	\$490.00
MCC-14DC	Unmanaged 14-Slot Chassis for Modular Media converter, 4-8VDC Power Input, Telecom DC-DC Redundant Dual power	\$370.00

 **Purchase Fully Loaded Chassis** - Call For Details

DISTRIBUTION CABLE, FIBER LAN CARDS & GARRETTCOM SWITCHES

FOM FIBER OPTIC LAN CARDS

100M FIBER LAN CARD

The 100M Fiber Fast Ethernet Card could build a network at speed up to 100Mbps, reliable transmission media, with fiber optic connection, the network is reliable for long distance transmission and immune to electrical and magnetic interface.

Features

- FCC CLASS B, CE approved
- Supports 32 bit PCI local bus-master for high throughput and low process utilization
- Plug-in-Play configuration through PCI BIOS without jumpers
- Full-/Half-Duplex and Activity
- SC Fiber Optic connector
- LEDs for Link, 100 Mbps, Full-Duplex and Activity
- Compatible to Novell Netware, LAN Manager, Win 9x, Win NT, WFW, SCO UNIX and more



ORDERING INFORMATION

FLC-9102M	10/100M fiber network card, Multimode 2Km	\$205.00
FLC-9125S	10/100M fiber network card, Singlemode 2Km	\$245.00

1000M FIBER LAN CARD

The 1000M Fiber Fast Ethernet Card could build a network at speed up to 1,000Mbps, with full duplex mode, it is even provide 2,000 Mbps bandwidth for your network. Reliable transmission media, with fiber optic connection, the network is reliable for long distance transmission and immune to electrical and magnetic interface.

Features

- Complies with IEEE 802.3z 1000Base-SX standard
- Support 64/32 bit, 66/33MHz PCI Bus
- Compatible to PCI Local Bus Master Version 2.2/2/1
- Plug-in-Play installation with auto setup interrupt line and I/O port address
- Full-Duplex double network bandwidth to 2,000Mbps
- Supports Jumbo Packet
- Build-in FIFO buffer to reduce memory transfer overhead
- Provides all popular operating systems drivers



ORDERING INFORMATION

FLC-9200M	10/100/1000M fiber network card, Multimode 0.5Km	\$489.00
FLC-9210S	10/100/1000M fiber network card, Multimode 10Km	\$620.00

GARRETTCOM MAGNUM CS14 CONVERTER SWITCHES WITH 100 MB FIBER

Combine a 100 Mb Fiber Media Converter and a two-port 10/100 copper Switch, and you have the Converter Switch, a new flexible edge-of-the-network Ethernet product.



Office and Wiring Closet
0° to 40°C
Ambient temperature

Hardened for Factory Floor
-25° to +60°C
Ambient temperature

Premium-rated for Outdoors
-40° to +75°C
Ambient temperature

Configurable Options:

• Fiber Flavor ("-ff")

- "SC" = 100BASE-FX, Multimode, SC connector, 2 km
- "ST" = 100BASE-FX, Multimode, ST connector, 2 km
- "MTRJ" = 100BASE-FX, Multimode, MTRJ connector, 2 km
- "SSC" = 100BASE-FX, Singlemode, SC connector, 20 km
- "SSCL" = 100BASE-FX, Singlemode, SC connector, 40 km
- "SST" = 100BASE-FX, Singlemode, ST connector, 20 km
- "SLC" = 100BASE-FX, Singlemode, LC connector, 15 km

• AC Input

- "d" = 95-125vac AC input at 60 Hz
- "i" = 215-240vac AC input at 50 Hz
- "-Hd", "-Pd" = 100-240vac AC input at 47-63 Hz
- "-Hi", "-Pi" = External power supply for International. IEC Plug

ORDERING INFORMATION CONFIGURATIONS

MODEL #	DESCRIPTION	FIBER FLAVOR (see table above)									
		SC	ST	MTRJ	MLC	SSC	SSCL	SST	SLC	SLCL	SFC
CS14-ff-d, -i	Ethernet Converter Switch for Office & Wiring Closet, "d" AC input or "i" AC input (see table above)	\$180	\$180	\$220	\$250	\$500	\$700	\$600	\$700	\$900	\$800
CS14H-ff-Hd, -Hi	Ethernet Converter Switch for Hardened Factory Floor, "Hd" AC input or "Hi" AC input (see table above)	\$260	\$260	\$280	\$310	\$560	\$760	\$660	\$760	\$960	\$860
CS14H-ff-12VDC	Ethernet Converter Switch for Hardened Factory Floor, "Hd" AC Input, 12V DC Term. Block, Panel Mount	\$250	\$250	\$270	\$300	\$550	\$750	\$650	\$750	\$950	\$850
CS14H-ff-24VDC	Ethernet Converter Switch for Hardened Factory Floor, "Hd" AC Input, 24V DC Term. Block, Panel Mount	\$280	\$280	\$310	\$340	\$580	\$780	\$680	\$780	\$980	\$880
CS14HR-ff-24VDC	Ethernet Converter Switch for Hardened Factory Floor, "Hd" AC Input, 24V DC Term. Block, DIN-Rail Mount	\$300	\$300	\$330	\$360	\$600	\$800	\$700	\$800	\$1,000	\$900
CS14H-ff-48VDC	Ethernet Converter Switch for Hardened Factory Floor, "Hd" AC Input, -48V DC Term. Block, Panel Mount	\$350	\$350	\$380	\$410	\$650	\$850	\$750	\$850	\$1,050	\$950
CSG14P-ff-Hd, Hi	Ethernet Converter Switch for Premium Outdoors, "Pd" AC input or "Pi" AC Term. Block (see table above)	\$360	\$360	\$390	\$420	\$660	\$860	\$760	\$860	\$1,060	N/A
CS14P-ff-12VDC	Ethernet Converter Switch for Premium Outdoors, "Hd" AC Input, 12V DC Term. Block, Panel Mount	\$350	\$350	\$380	\$410	\$650	\$850	\$750	\$850	\$1,050	
CS14P-ff-24VDC	Ethernet Converter Switch for Premium Outdoors, "Hd" AC Input, 24V DC Term. Block, Panel Mount	\$400	\$400	\$430	\$460	\$700	\$900	\$800	\$900	\$1,000	
CS14PR-ff-24VDC	Ethernet Converter Switch for Premium Outdoors, "Hd" AC Input, 24V DC Term. Block, DIN-Rail Mount	\$420	\$420	\$450	\$480	\$720	\$920	\$820	\$920	\$1,120	
CS14P-ff-48VDC	Ethernet Converter Switch for Premium Outdoors, "Hd" AC Input, -48V DC Term. Block, Panel Mount	\$450	\$450	\$480	\$510	\$750	\$950	\$850	\$950	\$1,150	

GARRETTCOM ETHERNET SWITCHESIMPLEX & DUPLEX CABLE

GARRETTCOM MANAGED ETHERNET SWITCHES

MAGNUM HIGH-PORT DENSITY MANAGED GIGABIT SWITCHES

The Magnum™ 6K32T and 6K32TR (Reverse Model) Managed Switches offer up to 32-ports in a 1U rack-mount package, ideal for heavy duty Carrier Class and Industrial applications that require highport density to save in cost and rack space. The 6K32T and 6K32TR provide 16 fixed 10/100 Mb copper ports plus two configuration slots.



6K32T	Magnum 6K32T Managed Switch, base unit	\$1,300.00
6K32TR	"Reverse" model, same as Model 6K32T except user ports and power input connectors are in the rear. Two sets of LEDs	\$1,400.00

MAGNUM CONFIGURABLE GIGABIT FIBER SWITCHES

Magnum™ 6K25e enhanced Managed Switches provide greater configurability in a rack-mount package, with up to 8 gigabit ports and/or choices of both 100 Mb fiber and copper ports or 10 Mb fiber and copper ports. High-capacity and high-performance Ethernet switching services are delivered in a robust 1U rack-mount package designed for the most demanding Industrial Networking and Carrier Class applications



6K25e	Managed Switch, base unit, 10/100/1000 Mb	Call for price
6K25Re	"Reverse" model, same as Model 6K25e except user ports and the power input is in the rear. Two sets of LEDs	Call for price

GARRETTCOM INDUSTRIAL MANAGED ETHERNET SWITCHES

MAGNUM 32-PORT FIBER-CONFIGURABLE INDUSTRIAL MANAGED SWITCH

Magnum™ 6K32F 32-port Fiber Managed Switches provide maximum fiber-port configurability in a rack-mount package, with up to 8 gigabit ports and up to 32 100 Mb fiber and copper ports or 10 Mb fiber and copper ports.

6K32F	Managed Switch, 4-slot base unit, 10/100/1000 Mb, 32 ports max or 8 gig ports max	Call for price
6K32FR	"Reverse" model, same as Model 6K32FC except user ports and the power input connectors are in the rear	Call for price



MAGNUM CONVECTION-COOLED INDUSTRIAL MANAGED SWITCHES

The Magnum™ 6K32TRC Switch provides rack-mount space efficiency in a free-convection-cooled unit (no fans) for heavy duty industrial applications where the presence of dust and dirt may inhibit normal cooling.

6K32TRC	Convection-cooled Managed Switch, base unit. 16 fixed 10/100 RJ-45 ports & 2 optional ports module slot, may be configured for 10/100/1000 Mb fiber & copper connectors, 8 ports max. each slot.	\$1,450.00
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MAGNUM FIBER-CONFIGURABLE CONVECTION-COOLED INDUSTRIAL MANAGED SWITCH

The Magnum™ 6K32FC Switch provides rack-mount space efficiency and rich fiber port configurability in a convection-cooled unit (no fans) for heavy duty industrial applications where the presence of dust and dirt may inhibit normal cooling.

6K32FC	Fiber-configurable Convection-cooled Managed Switch	Call for price
6K32FRC	"Reverse" model, same as Model 6K32FC except user ports and the power input connectors are in the rear	Call for price



MAGNUM INDUSTRIAL ETHERNET SWITCH

Magnum™ 6K16V Managed Fiber Switches provide modularity of fiber and copper ports, 10Mb 100Mb and Gigabit speed ports, and comprehensive management software in a compact industrial-grade package. Setting a new standard for Industrial and Carrier Class applications, heavy duty Ethernet Switch jobs are readily accommodated with an extended temperature rating of -40°C to 60°C by the UL Component Parts method, or -50°C to 95°C by the IEC 60068 Type Test method.

6K16V	Managed Fiber Switch, base unit, vertical mounting, 10/100/1000 Mb fiber & copper port connector types from a family of port modules. 16 ports max	\$930.00
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MAGNUM INDUSTRIAL ETHERNET MANAGED FIELD SWITCH

Magnum™ 6KQ Managed Field Switches provide maximum configurability in their class. The fiber-rich 6KQ can be configured with up to 12 100Mb fiber ports and two Gigabit ports. For 10/100 copper, regular or PoE-equipped 10/100 RJ-45 or 10/100/1000 copper ports may be configured to a maximum of 12 at 10/100 and 2 Gig ports.

6KQ-24VDC	Magnum 6KQ Managed Field Switch, base unit, 10/100/1000 Mb fiber and copper port connector types from a family of port modules.	\$700.00
6KQ-48VDC	Same as Model 6KQ-24VDC except the power input is -48VDC	\$900.00
6KQ-125VDC	Same as Model 6KQ-24VDC except the power input is 125VDC nominal range 88-150VDC	\$1,000.00
6KQ-250VDC	Same as Model 6KQ-24VDC except the power input is 250VDC nominal range 160-300VDC	\$1,130.00
6KQP-48VDC	PoE, same as Model 6KQ-48VDC except the four 10/100 ports are PoE-enabled, data pairs	\$1,150.00



DISTRIBUTION CABLE GARRETTCOM ETHERNET SWITCHES & CHASSIS

GARRETTCOM ETHERNET SWITCHES

MAGNUM 8-PORT ETHERNET SWITCH

Magnum™ Model 4K8 Ethernet 10/100 Switches boost the performance of Ethernet LANs, with the flexibility of both twisted-pair and a bonus fiber port. The fiber port, an additional or 9th port, may be configured from a variety of user-selected fiber connector and fiber cable types. The twisted-pair ports are 10/100 auto-negotiating



ORDERING INFORMATION

4K8	Ethernet Switch with 8 RJ-45 ports, each auto-sensing for 10Mb / 100Mb FDX/HDX operation, Optional Fiber Port	\$500.00
4K8R	"Reverse" model, same as Model 4K8 except user ports and the power input connectors are in the rear.	\$600.00

MAGNUM 24-PORT ETHERNET SWITCH

Magnum™ Model 4K24F and 4K24C Switches boost the performance of large Ethernet LANs, with the flexibility of both twisted-pair and fiber switched ports. Fiber ports may number zero, one or two, and a variety of user-selected fiber connector types may be configured.



ORDERING INFORMATION

4K24F	Ethernet Switch with 22 RJ-45 ports, each auto-sensing for 100Mb / 100Mb FDX / HDX operation, 0-2 Fiber Ports	\$1,000.00
4K24-R	"Reverse" model, same as Model 4K24F except user ports and the power input connectors are in the rear, LEDs are in the front.	\$1,100.00

MAGNUM 16-PORT ETHERNET SWITCH

Magnum™ Model 4K16 Switches boost the performance of medium-sized Ethernet LANs, with the flexibility of both twisted-pair and fiber switched ports. Fiber ports may number zero, one or two, and a variety of user selected fiber connector types may be configured.



ORDERING INFORMATION

4K16	Ethernet Switch with 16 RJ-45 ports, each auto-sensing for 100Mb / 100Mb FDX / HDX operation, 0-2 Fiber Ports	\$700.00
4K16R	"Reverse" model, same as Model 4K16 except user ports and the power input connectors are in the rear.	\$800.00

MAGNUM 40-PORT ETHERNET SWITCH

Magnum™ Model 4K220 40-port Switches provide high port density in the wiring center, and low cost per switched port. They boost the performance of Ethernet LANs, with the flexibility of 10Mb or 100Mb switching speed, full- or half-duplex per port for low cost per switched user port.



ORDERING INFORMATION

4K220CR	"Reverse" model, same as Model 4K24CR except 40 ports in two banks of 20 with 200Mbps internal connection between banks	\$1,500.00
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QUAD-SERIES FIBER SWITCHES

Magnum™ Quad-Series Fiber Switches boost the performance of large Ethernet LANs, with the flexibility of both fiber and twisted-pair switched ports. Any mix of fiber or RJ-45, 100 Mb or 10 Mb switched ports and connector types may be configured.

ORDERING INFORMATION

Q5580	10/100 Switch, up to 2 quad-port modules, 4 switched ports each	\$600.00
Q55108	Same as Q5580 Quad-Series Switch, but in a 19" rack-mount package	\$700.00
Q55116	Same as Q55108, 4 quad-port modules (QPMs), 19" rack-mount package	\$1,000.00



GARRETTCOM RACK MOUNT CONVERTER TRAYS

The MC-14 19" RETMA trays feature rugged metal construction and holds regular and hardened 14-series Garrettcom Media Converter Switches. Mix and match any combination of 10 Mb and 100 MB media converters to provide the modularity and reliability of individual converter units.

ORDERING INFORMATION

MC14-TRAY	Rack-mount tray, holds up to 16 units of the 100 Mb, and 10 Mb 14-Series Magnum Media Converters, mix and match.	\$120.00
MC14-TR+PS9	Supports up to 10 units of the 100 Mb and 10 Mb 14-Series Magnum Media Converters, mix and match.	\$200.00
MC14-TR+PS9X2	Supports up to 16 units of the 100 Mb, and 10 Mb 14-Series Magnum Media Converters, mix and match	\$270.00



SIGNAMAX CONNECTIVITY SYSTEMS

SIGNAMAX MEDIA CONVERTER CHASSIS

The Signamax 065-1185 16-Bay Rack Mount Media Converter Chassis provides higher rack mount media converter density for large installations that can accommodate rear access to the chassis for power supply maintenance. The 065-1185 provides 16 bays of space for all 065-11xx series Signamax media converters in a standard two rack unit high enclosure. High port density allows a variety of media converter solutions to be housed in a minimum amount of rack spaces for enterprise-level businesses and carriers. Redundant, fan-cooled load-sharing power supplies can be hot-swapped to ensure system uptime. The 065-1185 has a choice of power supply configurations, supporting AC power for 110 volt or 220 volt power systems or -48 volt DC power for carrier operations.



ORDERING INFORMATION

065-1185	16-Bay Rack Mount Media Converter Chassis, AC	\$840.00
065-1185DC	16-Bay Rack Mount Media Converter Chassis, 48V DC	\$840.00
AC-1185	Spare Redundant Power Supply 90 - 240 V AC	\$198.00
DC-1185	Spare Redundant Power Supply 48 V DC	\$198.00
1185FAN	Spare Individual Fan Assembly	\$22.00

SIGNAMAX SINGLEMODE AND MULTIMODE MEDIA CONVERTERS

100BASE FX SINGLEMODE TO MULTIMODE CONVERTERS

Signamax Connectivity Systems' 100BaseFX Singlemode to Multimode Converters provide efficient solutions for interconnecting multimode fiber LANs over longer distances by integrating singlemode fiber optic cable into the LAN. They also enable Ethernet LAN and WAN connectivity, by providing a multimode interface to singlemode fiber carrier demarcation points.

ORDERING INFORMATION

065-1130	100BaseFX Singlemode/SC, 15 km to Multimode/ST, 2 km
065-1130ED	100BaseFX Singlemode/SC, 40 km to Multimode/ST, 2 km
065-1130XLD	100BaseFX Singlemode/SC, 75 km to Multimode/ST, 2 km
065-1132	100BaseFX Singlemode/SC, 15 km to Multimode/SC, 2 km
065-1132ED	100BaseFX Singlemode/SC, 40 km to Multimode/SC, 2 km
065-1132XLD	100BaseFX Singlemode/SC, 75 km to Multimode/SC, 2 km



\$698.00
\$898.00
\$1,298.00
\$698.00
\$898.00
\$1,298.00

10/100/1000BASE T/TX TO 1000BASE SX/LX MEDIA CONVERTERS

Signamax 10/100/1000 Switching Media Converter provides an intelligent solution for long distance connections between legacy 10BaseT and 100BaseTX networks and the newer 1000Base Gigabit Ethernet networks. The built-in 10/100/1000 switch enables the fiber cable connection to operate at 1000 Mbps connected to either a 10BaseT, 100BaseTX, or a 1000BaseT network, while remaining completely 1000BaseSX standard-compliant for the fiber optic connection. The fiber connection can also operate in full duplex mode whether the RJ-45 port is connected to a full duplex switch or a half duplex hub.

ORDERING INFORMATION

065-1196LX	10/100/1000BaseT/TX to 1000BaseLX Media Converter SC Singlemode, 10 km Span
065-1196LXED	10/100/1000BaseT/TX to 1000BaseLX Media Converter SC Singlemode, 20 km Span
065-1196	10/100/1000BaseT/TX to 1000BaseSX Media Converter SC Multimode, 220m Span (62.5µm), 550m Span (50µm)



\$836.00
\$1,628.00
\$1,470.00



SIGNAMAX 10/100BASE TX TO FX MEDIA CONVERTERS

Signamax Switching Media Converters with Link Fault Signaling (LFS) provide the means for an SNMP-Managed switch to recognize a failure on a fiber channel or twisted-pair connection, enabling the switch to automatically route to a backup path if the connected switch is equipped with Spanning Tree Algorithm. This intelligence maximizes the power of managed switches, and enables failsafe design solutions for complex networks. These converters also extend the maximum singlemode fiber distance, spanning over 46 miles with the 065-1120XLD model.

ORDERING INFORMATION

065-1100	10/100BaseT/TX to 100BaseFX Media Converter ST Multimode, 2 km Span	\$171.00
065-1110	10/100BaseT/TX to 100BaseFX Media Converter SC Multimode, 2 km Span	\$171.00
065-1172	10/100BaseT/TX to 100BaseFX Media Converter MT-RJ Multimode, 2 km Span	\$298.00
065-1174	10/100BaseT/TX to 100BaseFX Media Converter LC Multimode, 2 km Span	\$298.00
065-1120	10/100BaseT/TX to 100BaseFX Media Converter SC Singlemode, 15 km Span	\$424.00
065-1120ED	10/100BaseT/TX to 100BaseFX Media Converter SC Singlemode, 40 km Span	\$650.00
065-1120XLD	10/100BaseT/TX to 100BaseFX Media Converter SC Singlemode, 75 km Span	\$1,210.00



10/100BASE TX TO FX MINI CONVERTERS

Signamax Connectivity Systems' Switching Mini Fiber Optic Media Converters provide an intelligent solution for fiber optic connectivity where simplicity, low cost, and minimum footprint are the primary considerations. These converters are designed to handle both legacy 10BaseT and 100BaseTX Fast Ethernet devices on their twisted pair port while maintaining 100BaseFX Fast Ethernet transmission on the fiber optic port. Plug-and-play simplicity makes connection easy.

ORDERING INFORMATION

065-1000	10/100BaseT/TX to 100BaseFX Mini Media Converter ST Multimode, 2 km Span	\$150.00
065-1010	10/100BaseT/TX to 100BaseFX Mini Media Converter SC Multimode, 2 km Span	\$150.00
065-1020	10/100BaseT/TX to 100BaseFX Mini Media Converter SC Singlemode, 15 km Span	\$410.00
065-1020ED	10/100BaseT/TX to 100BaseFX Mini Media Converter SC Singlemode, 40 km Span	\$630.00
065-1020XLD	10/100BaseT/TX to 100BaseFX Mini Media Converter SC Singlemode, 75 km Span	\$1,160.00

